SELFIE WITH A SPACEMAN… Carmen Stephens from Forbes and Madeleine Honyi from Sydney were part of the almost 20,000 people who enjoyed the 50th anniversary celebrations at the Parkes Radio Telescope last weekend.

Almost 20,000 people visited the famous Parkes Dish for the 50th anniversary of the historic moon landing last weekend.

The Parkes Radio Telescope’s pivotal role in relaying high quality television images around the world was celebrated by a huge array of activities from guided inside tours, ground tours and astronomy talks, to space-themed face painting. The screening of the movie The Dish on Saturday night was introduced by actor Roy Billing, who played the part of the Parkes Mayor.

“It was a wonderful weekend and a huge success,” said Tricia Trim of the CSIRO Visitor’s Centre.

Perfect weather added to the happy atmosphere, while Australian-born NASA astronaut Andy Thomas enthralled the large crowd on Sunday talking about day-to-day life in space, the effects of zero gravity and keeping fit in space.

“The view from up there was spectacular,” said Andy when he talked about his personal experience of looking at earth through space. “I can show you the view as we had helmet cameras,” he said showing a video. A massive collective ‘wow’ erupted from the captivated listeners.

CSIRO partnered with ABC Radio for live broadcast coverage over the two days with the official ceremony on Sunday broadcasting the Moon landing as it happened in 1969.

“While it was NASA’s moment, it was Australia’s too: sending astronauts to the Moon and sharing the momentous occasion couldn’t have happened without the pivotal role Australia played,” said the CSIRO in a statement.

By Beth Thomas
Jane Kaczmarek

How long have you lived in Parkes and what do you like most about living here? I’ve lived in Parkes for 16 months. I love its accessibility to space, both in the land and in the sky.

Where do you work or what do you do currently and what do you enjoy about it? I’m an astrophysicist at the CSIRO Parkes Radio Telescope. It is my job to try and answer some of the big questions we still have about the Universe — it’s this potential to learn something brand new about the Universe that drives me!

What is your favourite thing to do when you have free time? As tempting as it is to say ‘sleep’, I do love to spend my free time outdoors, either gardening or hiking or just sitting in the sun.

What makes you proud? I’m proud that my life has been far more interesting than I ever thought it would be!

If you could be an animal which one would you choose, and why? I would want to be an albatross so that I could fly around and see the whole world!

What is your all-time favourite movie, song and/or book, and why? My all-time favourite movie is Monty Python and the Holy Grail. I grew up watching it and still laugh at every joke all these years later!

Tell us about your best holiday. It was a three-week backcountry tour of the South Island of New Zealand when I finished my PhD. I really needed that time to reset and there is no more breath-taking a place to do it.

What is on your bucket list? After living in Australia for more than 7.5 years, I’m hoping to finally become an Australian permanent resident this year!

The Next Big Parkes Event

As our town is recovering from a huge weekend celebrating the 50th anniversary of the moon landing, Pink Up Parkes is getting ready for the next big event. The town will be going Pink in October and businesses are invited to sponsor this initiative.

In order for Parkes to retain our own Breastcare Nurse, Di Green, it is essential to raise funds. This is what Pink Up Parkes aims to do. With statistics predicting that one in every eight women in our Shire will be impacted by breast cancer, it is crucial that Parkes maintains this vital service.

Parkes Stationery and Office Furniture was welcomed as the first business to register with Pink Up Parkes, with owner Gregor Paul presenting the committee with pink folders.

Contributions can be as simple as making a donation to wear pink at work, holding a pink cupcake day, guessing the number of pink lollies in a jar, or just having a donation box on your counter. Ideas can be as limitless as your imagination.

So come on Parkes businesses, get behind this great cause. Contact Carolyn Rice carolyn@jhrice.com.au or Marg Applebee cwlpo@hotmail.com to register.
SNIPPETS...

President of the Red Cross Norma Oliver (left) and Red Cross member Joyce Mulligan would like to thank the Parkes Boars for their generosity for the charity game they played on Saturday, 6th July. The money will go towards getting the kitchen updated. Norma reminded residents of the parents’ room at the Red Cross in Church Street that is open Wednesday to Friday. Any volunteers are welcome to join.

New History Blog Post: How do you cover the most defining moment of the 20th Century in one blog post? According to Local and Family History Officer of the Parkes Shire Library, Dan Fredericks, there’s so much humanity behind the story of the landing on the moon - and some fascinating twists and turns to Parkes even getting a radio telescope in the first place! Read the latest blog entry The Dish - Connecting Parkes & The World to the Moon at https://historyparkes.org/2019/07/18/the-dish-connecting-parkes-the-world-to-the-moon/

Opportunity For Young People: Would you like to have a real say in the things that matter to young people in regional NSW? The NSW Government is recruiting for the Regional Youth Taskforce. For the first time, the NSW Government is offering regional young people the opportunity to share their voice on issues such as getting a job, mental health and wellbeing, getting around and having things to do. A sitting fee will be paid and flights and accommodation will be covered. The taskforce will meet about four times a year, twice in person and twice through Skype. Two young people from each NSW region will be selected including Central West and Orana. Applications close at 11:59pm on 5th August.

Printer Gremlins: In Issue 172 (two weeks ago) the inside pages of The Parkes Phoenix were in fact from The Forbes Phoenix as a mistake crept in during the assembly stage of our paper. Our apologies to our readers for the confusion.

New Lions District Governor: Forbes Lion Peter Bright will take over as District Governor of District 201 N4 (that includes Parkes) at the annual Changeover event on 20th August. The appointment follows 15 months of intensive training, culminating in a week-long event in Milan, Italy from 5th to 9th July, when around 800 District Governors from around the world were officially sworn in. “I want to make sure we can continue to help our communities through tough times, and I’m keen to involve younger people in the idea of voluntary community service,” Peter said. Peter and his wife, Elaine, have been active Lions since joining in 2006. In 13 years, Peter has twice served as Club President, and is committed to spreading the message that kindness matters. He will lead a membership of around 1,000 Lions in 48 clubs across Central, Northern, and Southern NSW.

To The Moon And Back

The opening of the ‘To the Moon and Back’ exhibition at the Cedar Café last week was one of the many events to celebrate the 50th anniversary of the moon landing. Young artists participated in a weekend workshop with Leanne Wilson to produce some outstanding art works for the exhibition. Mayor Ken Keith opened the exhibition with Hannah Dunn providing background music. On the left is Suzanne Smith with her painting, and Danielle Goodrick on the right with her art work.

QUESTION of the week

What do you think is the importance of the Parkes Radio Telescope to modern times?

Melissa Beddie: Parkes Telescope has remained relevant and an important part of Parkes’s tourism and history. The telescope represents in this modern world, the tremendous amount of knowledge yet to be learnt and explored. The reality that there is so much yet to be discovered beyond our own lives. It is a pinnacle of the possibility of unknown to become known.

Alex Rawsthorne: I think it’s important to use the Dish in the modern day because we know so little about the universe and the Dish helps us to discover more.

Kasie Ferguson: I believe the Dish is extremely important from a tourism perspective. It really puts Parkes on the map.

SOUTHERN STAR RURAL
Rural Fencing Contractor
0439 029 204
www.southernstarrural.com.au
TWO-WAY CROSSWORD

QUICK CLUES

ACROSS
1 Government sanctioned savings (5)
2 Chopped finely (5)
3 Overcome with emotion (11)
4 True juice (3)
5 Remunerated (4)
6 Care deeply (for) (4)
7 Embalmed bodies (7)
8 Keen (4)
9 Aquatic respiratory organ (4)
10 Clumsy ship (3)
11 Obligations for payments (11)
12 Purchaser (5)
13 Golf course (5)
14 Two-Way Crossword

DOWN
1 Ladle (5)
2 Introductory (11)
3 Tiffs (4)
4 Profound (4)
5 Literary work (12)
6 Evade (5)
7 Detrimental (7)
8 Useless defective (3)
9 Limb (3)
10 Impromptu (2-3)
11 Misplaces (5)
12 Rank (4)
13 Account (4)

CRYPTIC CLUES

ACROSS
1 Use public relations techniques as a kind of fertiliser? (5)
2 He died around a hundred. Were we all pretty cut up? (5)
3 Completely bowled over by whomever! Led astray! (11)
4 Waken with a faux pas? (3)
5 Can a political leader help being rewarded? (4)
6 In sport it’s nothing, but in life it’s everything (4)
7 The sort of parents who might be found involved in pyramid schemes, perhaps? (7)
8 David is so keen, he’s really lost his head (4)
9 Take part of the fish right away from the cooker (4)
10 Tuberculosis can take you away from the cooker (4)
11 Take part of the fish right away from the cooker (4)
12 Sounds like deceptive powers lead to losses (11)
13 What is detrimental to drink rum half prepared (7)
14 Little Sister, I left the druids a faulty one (3)
15 Pull this part of the journey up! (11)
16 It is detrimental to drink rum half prepared (7)
17 Feel like deceptive powers lead to losses (11)
18 Little Sister, I left the druids a faulty one (3)
19 Pull this part of the journey up! (11)
20 Subway customer interested in English red stone arrangement (5)

DOWN
1 Dig up a good story? (5)
2 Introductory way to suffer pain mellifluity? (11)
3 Moves on the water for arguments’ sake (4)
4 Ease in the shillings and pence a long way down (4)
5 I’m so on topic with make-up! (11)
6 Avoid the dog of French extraction (5)
7 It is detrimental to drink rum half prepared (7)
8 Little Sister, I left the druids a faulty one (3)
9 Pull this part of the journey up! (11)
10 Subway customer interested in English red stone arrangement (5)
11 Dig up a good story? (5)

SUDOKU

Difficulty: Easy

How to play sudoku: You are given a 9x9 grid which has been divided up into nine 3x3 boxes. The aim of the game is very simple: to fill each row, column and 3x3 box with the numbers from 1 to 9 inclusive.

SOLUBILITIES

QUIZ

1 Who will represent Australia in this year’s Eurovision contest?
2 Which celebrated boxer was born Walker Smith Jr.?
3 In what year did The Beatles release their final album Let It Be?
4 Which river makes up part of the border between Thailand and Myanmar?
5 Pebbles is the daughter of which animated family?
6 Tallinn is the capital of which northern European country?
7 Who starred as the titular character in the 1994 western Maverick?
8 Mount Woodroffe is the highest point in which Australian state or territory?
9 True or false: the Red panda is native to Africa?
10 How many points is the letter D worth in a game of Scrabble?

SCATTERWORD

Today’s Aim:
13 words Good
16 words Very good
17 words Excellent

Form at least one nine letter word from the given letters and as many other words as possible of four or more letters. Each word must contain the letter in the central circle. Simple plurals, formed by adding “s” are not counted as extra words. No prefixes or suffixes. Reference: The Macquarie Concise Dictionary.

Proud Supporter of the Community

Perfect Venue for...

Weddings • Corporate Events • Private Functions

9-17 Short St, Parkes | 68621966 | www.parkesservicesclub.com.au
Janet’s Extraordinary 1969 Scrapbook

Well-known local Janet O’Donoghue was 13 when Armstrong and Aldrin walked on the moon.

This incredible feat captured her imagination, and she made a scrapbook of clippings which has become a prized icon of this momentous event.

“Mum and Dad didn’t buy the papers often, but I hounded them if I saw any Apollo 11 headlines. I pestered the neighbours as well,” said Janet. Her persistence paid off with page after page of extraordinary clippings kept from that era, including President Nixon’s prediction of Men on Mars by the year 2000!

When Janet’s grandchildren asked her to buy the 50-year souvenir booklet Janet was surprised to see those famous images of her original Sydney Morning Herald lift-out on the front cover. And when she showed the scrapbook to her grandchildren they were fascinated.

Janet recalled watching the moon landing from the school quadrangle. “At 13 it all seemed so scientific, so space-age for back then. We used to watch the Jetsons – but that was all imaginary. It was little more than 20 years post-war and they were putting men on the moon. It was almost beyond comprehension.”

“Back then life was so simple,” Janet recalls. “Dad was the breadwinner, Mum stayed home, milk and bread were delivered, and I remember being truly amazed at how those photos got from out in space down to our little black and white television screens and into our newspapers.”

Janet relished the events of the 50-year anniversary last weekend with her highlight watching The Dish movie in the great atmosphere of sitting under The Dish and chatting with Roy Billings.

Janet wouldn’t part with her scrapbook and says her youngest grandchild will be 53 at the 100-year anniversary. She hopes that the scrapbook will be passed down and still treasured.

By Beth Thomas
**WHAT’S On**


**28 Jul** National Tree Day - Venture outside to have some fun planting trees at Akuna Road from 10am – 12pm. Register for free at treeday.planetark.org; To RSVP contact Marg Applebee on 0418 611 053.

**28 Jul** Terry Leonard at the Parkes Services Club Downstairs Lounge at 4pm.

**30 Jul** Arthritis Support Group Morning Tea held at 10 am at the Pink Orchid Café, Bushman’s Street.

**31 Jul** Parkes College for Seniors talk by Parkes Funeral Director at Masonic Lodge at 10am with Q & A time and cuppa afterwards. Open to the public.

**2 Aug** Mooganilla Angus Bull Sale at 1pm, Central West Livestock Exchange Forbes.

**10 Aug** Beccy Cole at the Parkes Services Club at 8pm. Tickets $35 adults and $20 children available via www.trybooking.com

**25 Aug** Paddock to Plate at Hart Bar featuring four courses with locally sourced produce, plus two glasses of wine from Heifer Station Wines in Orange. Limited tables available. Book via Hart Bar Facebook page.

**30-31 Aug** Heaven & Earth Legends Show at Hotel Gracelands. $85 ticket includes 2 course meal and show. Call 0400 012 111.

**Ongoing** Parkes Evening VIEW Club meets the fourth Tuesday of the month at 6:30pm for 7pm at various venues. Contact Janet Offner on 6862 950 for all enquiries.

**Ongoing** Friends of the Parkes Hospital, a not-for-profit group raising funds to benefit the Lachlan Health Service Parkes Hospital, meet on the fourth Thursday of the month upstairs at the Parkes Hospital at 7pm. All welcome!

**Ongoing** Georgie’s Pantry at 45 Currajong Street is open every Monday from 9am – 3pm for pensioners and people with a health care card for groceries and fresh produce at very reasonable prices.

**Ongoing** Farmers Friday at Georgie’s Hub supplying grocery staples, bread, fruit, vegetables and meat (when available) to farmers for free from 12.30 pm to 3pm. Enquiries call 0439 8750 54.

**Ongoing** Parkes Toy Library, a not-for-profit service operated by St. George’s Anglican Church, is open every Monday from 3:30 – 6:30pm during school terms for children ages 0 to 8 years old. Located in the Lower Hall with entry via Souden Lane carpark.

**Ongoing** Parkes Torch Bearers for Legacy meets every third Monday of the month at 10:30am at the Parkes Services Club. Everyone welcome. Contact Margaret Cherry on 6862 4789.

**Ongoing** CWA meeting on the third Wednesday of the month at the Coachman at 5.30pm. Parkes Evening VIEW Club meets every fourth Tuesday of the month at 5:30pm for 7pm.

**Ongoing** Parkes Aviation Museum is open Thursdays and Sundays. The ever-growing collection is located at the Parkes Regional Airport.

**Ongoing** Parkes Painting Group meet at Northparkes Oval at 10am every Wednesday.

**Ongoing** The Parkes Branch of the Red Cross offers a plate of homemade slices and cakes, sandwiches and tea or coffee for $6 every Friday 10am to 3pm.

**Ongoing** Parkes Shire Concert Band rehearses every Tuesday 7pm - 9pm during school term in the music room above the pool complex in Dalton Street. Contact music director Duncan Clement on 0405 035 164.
Getting The Apollo Mission Signals Out

The Post Master Generals (PMG) department was asked by NASA to establish connections to the Parkes Radio Telescope for use in the Apollo 11 space mission.

In 1969 there was minimal infrastructure to implement diversity, so a system was devised to commandeer trunk and junction circuits. Besides the well documented bearers for TV and S band data from the maintenance tower east of the telescope to Mount Coonambro near Cookamidgera thence to West Orange, and the normal bearers to Sydney, there was also data, voice bearers and order wires for technicians and NASA over the cable and trunk network.

Junction circuits were released from Parkes to Beargamil to the telescope and from Parkes to Alectown to the telescope. From Parkes the circuits were diversified by the existing broadband system to Sydney or via an open wire trunk system to Orange thence to Blayney to meet up with the western cable system to Sydney. Existing equipment was utilised and modified to enable a smooth running of the mission.

The team (as seen in photo) took shifts for weeks to ensure it was all ready. Many PMG families had an absent father for six to eight weeks. Two staff members worked at the telescope tower in live in as it was lock down. Geoff Foote and the radio branch from Sydney manned the maintenance tower. A crew was also on monitor at Parkes telephone exchange and at Mount Coonambro.

PMG staff were also involved in the Apollo 13 mission when an explosion occurred on the space craft and the astronauts had to turn off the power and live in the lunar module for the journey to the moon and back. The telescope was not used during this mission, but because the signals from the space craft were so weak they instigated the NASA circuits to Parkes CSIRO.

By Brian Symonds

The Parkes team, led by Spencer Anderson, received an award from NASA for their contribution to the successful mission.

Out-Of-This-World Talks At Hart Bar

The Parkes Railway Hotel helped to kick off a weekend of 50th anniversary celebrations of the Apollo 11 moon landing last Friday with astronomical talks in the Hart Bar.

A crowd of more than 100 people turned up for a night of fascinating talks by three astronomers. “It was a wonderful and informative event,” said organiser Kasey Ferguson, “and a great way to start off the amazing weekend in Parkes.”

Dr Phil Edwards put the events of Parkes Telescope into context with interesting world events and the international music scene over the past 60 years and discussed the Dish’s massive role in the forefront of astronomy for the past 60 years, from understanding of pulsars to searching for extra-terrestrial life.

Dr Shivesh Bhandari expressed how much we don’t know. What produces fast radio bursts? What is dark energy? What is dark matter? Did you know that the furthest fast radio burst, 20 billion light years away, was discovered by Parkes?

Dr Karen Lee-Waddell captivated the audience with tales of swirling galaxies. Each galaxy has a unique life story and Karen looks back in time to see how they evolved. They move together in dancing galaxies. Each galaxy has a unique life story and Karen looks back in time to see how they evolved. They move together in swirling patterns until, over billions of years, they merge together becoming larger and larger galaxies.

Parkes resident Dr Jane Kaczmarek of the Parkes Radio Telescope led the popular question time following each talk. “What really humbles astronomers is how much we really don’t know,” she said.

Apart from visiting The Dish of course, the thousands of visitors also visited art and light displays around town, and took selfies with Jaffa the orange astronaut in Cooke Park.
The community is invited to have its say on the concept design for the Newell Highway bypass at Parkes with the Review of Environmental Factors (REF) for the project now on display.

Roads and Maritime Services proposes to build a new 10.5 kilometre bypass on the western outskirts of Parkes to reduce travel time, improve freight productivity and efficiency, pedestrian access through Parkes and traffic flow.

“Roads and Maritime Services is delivering this work as part of the $500 million Newell Highway upgrade program to support the interstate freight industry, provide economic growth, and improve access and safety along a vital transport corridor in New South Wales.

The concept design for the proposed route and environmental assessment documents will be on display from Monday 1 July to Friday 9 August 2019. Roads and Maritime Services is committed to consulting with the community and is seeking your feedback on the display documents. A number of information sessions will take place in Parkes where you can meet with the project team to discuss the concept design and environmental assessment.

**Drop-in sessions**

The project team will be available to discuss the concept design and Review of Environmental Factors at the following locations:

- **Clarinda Street** (in front of Discount Dave’s)
  - Tuesday 2 July, 10am – 1pm
  - Wednesday 10 July, 10am – 12pm
  - Thursday 18 July, 11am – 2pm
  - Monday 22 July, 10am – 1pm
  - Wednesday 31 July, 10am – 1pm
  - Thursday 8 August, 11am – 2pm
- **Metro Plaza** (near Woolworths)
  - Tuesday 2 July, 3pm – 6pm
  - Wednesday 10 July, 1pm – 4pm
  - Thursday 18 July, 5pm – 8pm
  - Monday 22 July, 2pm – 5pm
- **Parkes Arbour** (between Target and Coles)
  - Wednesday 31 July, 3pm – 6pm
  - Thursday 8 August, 3pm – 6pm

**Display locations**

The REF is on display at the following locations from July 1 to August 9 2019

- **Parkes Shire Council Administration Centre**, 2 Cecile Street, Parkes
  - Monday – Friday: 8.30am – 5pm
- **Service NSW**, Parkes 51–55 Currajong Street, Parkes
  - Monday – Friday: 9am – 5pm

Visit the project website to find out how to submit your feedback and view more information about the Parkes Bypass at [www.rms.work/parkesupgrade](http://www.rms.work/parkesupgrade)

**Have your say:** Please provide feedback on the REF by Friday 9 August 2019, by sending your written comments to:

**Email:** newell.upgrade@rms.nsw.gov.au

**Mail:** Roads and Maritime Services, PO Box 334, Parkes NSW 2870

---

**Parkes Sport**

**Parkes Boars Draw Home Game**

The Parkes Boars played the Blayney Rams at home last Saturday. The score ended in a 5-5 draw with Ben Ryan scoring the try for Parkes. Benjamin Rathbone chalked up his 150th game for the Boars!

**Four Games Of Triples**

Four games of triples were played this week with Betsy Johnstone, Flo Riseborough and Liz Byrne defeating Carla Bishop, Hilda McPherson and Marja Iffland. Ann Wright, Rosemary Mitchell and Lorraine Baker defeated Jean Kennedy/Eileen Bradley, Laurie Keane and Heather Harvey.

Carol Reed, Valmai Westcott and Gwenda Carty won their game against Kay Craft, Frances Charlton and Kim Evans, while Di Howell, June Burgess and Cherie Frame beat Lea Orr, Maureen Miller and Jan McPhee.

Winners for the day were Di, June and Cherie, and runners-up were Kay, Frances and Kim. The raffle winner was Lea Orr.

Thanks to Lea for the June birthdays’ Pavlova!

To play social bowls ring table selectors Rhona Went and Gwenda Carty 9am to 9:30am.

Rosemary Mitchell